



IPW

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: *Thomas B. Stanford, et al.* ) Group Art No.: 1655  
Application No: 10/680,937 )  
Filed: October 7, 2003 ) Examiner: Martin, Paul C.  
For: "SENSOR FOR DETECTION ) Re: ***Response and Amendment***  
OF ENZYME AND ENZYME )  
DETECTION METHOD..." ) Our Ref: B-4588 620930-1/RPB/NBC  
 ) Date: June 29, 2007

**Response and Amendment**

Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is filed in response to the Office communication dated April 9, 2007, a reply to which is initially due July 9, 2007.

Please consider the following remarks and amendments with respect to the subject application. All remarks and amendments herein are made without prejudice.

**Amendments to the Specification** begin on page 2 of this paper.  
**Amendments to the claims** begin on page 3 of this paper.

**Remarks** begin on page 7 of this paper.